

IN THE CLAIMS:

Please cancel claim 16 without prejudice to or disclaimer of the subject matter recited therein.

Please amend claim 15 and add claims 17-22 as follows:

LISTING OF CURRENT CLAIMS

Claims 1-14. (Cancelled)

Claim 15. (Currently Amended) An anti-bacteria, anti-virus, and anti-fungus composition, which includes the following ingredients:

(A) a metal ionic compound having a catalytic function, which has a general formula $M^{+a}X^{-b}$, in which M is a metal element selected from the group consisting of Ni, Co, Mg, Mn, Cr, Ca, Fe, Cu, Ti, Al, Sb, Sn, Pb, ~~Zn~~, Pt, Pd, Os, Ru, Cd, Rh, and Ir, or M is NH_4 ; X is an anionic group selected from the group consisting of ~~fluoride, chloride, bromide, iodide~~, nitrate, sulfate, sulfite, acetate, oxalate, carboxylate, succinate, phosphate, pyrophosphate, ~~perchlorate, gluconate~~, ascorbate, ethylenediamine tetraacetate, fumarate, and lactate; a is an integer of from 1 to 6; and b is an integer of from 1 to 6;

(B) an ionic compound having a general formula NX, in which N is an element selected from the group consisting of Li, ~~Na~~, and K; X is an anion group selected from the group consisting of ~~fluoride, chloride, bromide, iodide~~, sulfite, acetate, succinate, pyrophosphate, perchlorate, ~~gluconate~~, ascorbate, ethylenediamine tetraacetate, fumarate, and lactate; and

(C) an additive having a general formula RY_z , in which R is an element selected from the group consisting of Li, ~~Na~~, K, Mg, and Ca, ~~and Zn~~; Y is selected from the group consisting of ~~chloride~~, nitrate, sulfate, carboxylate, carbonate, bicarbonate, phosphate, dihydrogen phosphate, hydrogen phosphate, and oxalate; and z is one or two,

wherein the weight ratio of ingredients (A):(B):(C) is 1: 10-50: 1500-3000, and a composition in which (A) is copper gluconate and magnesium sulfate, (B) is lithium chloride, and (C) is sodium bicarbonate is excluded.

Claim 16. (Cancelled)

Claim 17. (New) A spray, an aerosol, or a film comprising the anti-bacteria, anti-virus, and anti-fungus composition according to claim 15.

Claim 18. (New) A method comprising:

applying to a filter of an air-conditioner, a tap, a stool, an elevator interior, or a keyboard in a household, a vehicle, a hospital, a school, a restaurant, a hotel, or an internet coffee shop, or applying to a human being the anti-bacteria, anti-virus, and anti-fungus composition according to claim 15.

Claim 19. (New) An anti-bacteria, anti-virus, and anti-fungus composition, comprising:

(A) a metal ionic compound having a catalytic function, which has a general formula $M^{+a}X^{-b}$, in which M is a metal element selected from the group consisting of Ni, Co, Mg, Mn, Cr, Ca, Fe, Cu, Ti, Al, Sb, Sn, Pb, Pt, Pd, Os, Ru, Cd, Rh, and Ir, or M is NH_4 ; X is an anionic group selected from the group consisting of nitrate, sulfate, sulfite, acetate, oxalate, carboxylate, succinate, phosphate, pyrophosphate, ascorbate, ethylenediamine tetraacetate, fumarate, and lactate; a is an integer of from 1 to 6; and b is an integer of from 1 to 6;

(B) an ionic compound having a general formula NX, in which N is an element selected from the group consisting of Li, Na, and K; X is an anion group selected from the group consisting of fluoride, chloride, bromide, iodide, sulfite, acetate, succinate, pyrophosphate, perchlorate, gluconate, ascorbate, ethylenediamine tetraacetate, fumarate, and lactate; and

(C) an additive having a general formula RY_z , in which R is an element selected from the group consisting of Li, Na, K, Mg, Ca, and Zn; Y is selected from the group consisting of chloride, nitrate, sulfate, carboxylate, carbonate, bicarbonate, phosphate, dihydrogen phosphate, hydrogen phosphate, and oxalate; and z is one or two,

wherein the weight ratio of ingredients (A):(B):(C) is 1: 10-50: 1500-3000, and a composition in which (A) is copper gluconate and magnesium sulfate, (B) is lithium chloride, and (C) is sodium bicarbonate is excluded.

Claim 20. (New) An anti-bacteria, anti-virus, and anti-fungus composition, comprising:

(A) a metal ionic compound having a catalytic function, which has a general formula $M^{+a}X^{-b}$, in which M is a metal element selected from the group consisting of Ni, Co, Mn, Cr, Ca, Fe, Cu, Ti, Al, Sb, Sn, Pb, Pt, Pd, Os, Ru, Cd, Rh, and Ir, or M is NH_4 ; X is an anionic group selected from the group consisting of nitrate, sulfate, sulfite, acetate, oxalate, carboxylate, succinate, phosphate, pyrophosphate, ascorbate, ethylenediamine tetraacetate, fumarate, and lactate; a is an integer of from 1 to 6; and b is an integer of from 1 to 6;

(B) an ionic compound having a general formula NX, in which N is an element selected from the group consisting of Li, Na, and K; X is an anion group selected from the group consisting of fluoride, chloride, bromide, iodide, sulfite, acetate, succinate, pyrophosphate, perchlorate, gluconate, ascorbate, ethylenediamine tetraacetate, fumarate, and lactate; and

(C) an additive having a general formula RY_z , in which R is an element selected from the group consisting of Li, Na, K, Mg, Ca, and Zn; Y is selected from the group consisting of chloride, nitrate, carboxylate, carbonate, bicarbonate, phosphate, dihydrogen phosphate, hydrogen phosphate, and oxalate; and z is one or two.

Claim 21. (New) A composition according to claim 19, wherein the additive (C) comprises at least calcium sulfate.

Claim 22. (New) A composition according to claim 20, wherein the additive (C) comprises at least one of sodium chloride, sodium bicarbonate, potassium hydrogen phosphate, potassium dihydrogen phosphate, or magnesium chloride.